



Recombinant Human Embryonal Fyn-associated substrate (EFS)

Product Code	CSB-EP007470HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43281
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAIATSTQLA RALYDNTAES PQELSFRRGD VLRVLQREGA GGLDGWCLCS LHGQQGIVPA NRVKLLPAGP APKPSLSPAS PAQPGSPYPA PDHSNEDQEV YVPPPARPC PTSGPPAGPC PPSPDLIYKI PRASGTQLAA PRDALEVYDV PPTALRVPSS GPYDCPASFS HPLTRVAPQP PGEDDAPYDV PLTPKPPAEL EPDLEWEGGR EPGPIYAAP SNLKRASALL NLYEAPEELL ADGEGGGTDE GIYDVPLLGP EAPPSPEPPG ALASHDQDTL AQLLARSPPP PHRPRLPSAE SLSRRPLPAL PVPEAPSPSP VPSPAPGRKG SIQDRPLPPP PPRLPGYGGP KVEGDPEGRE MEDDPAGHHN EYEGIPMAEE YDYVHLKGMD KAQGSRPPDQ ACTGDPELPE RGMPAPQEAL SPGEPLVVST GDLQLLYFYA GQCQSHYSAL QAAVAALMSS TQANQPPRLF VPHSKRVVVA AHRLVFGDT LGRLAASAPL RAQVRAAGTA LGQALRATVL AVKGAALGYP SSPAIQEMVQ CVTELAGQAL QFTTLLTSLA P
Source	E.coli
Target Names	EFS
Protein Names	Recommended name: Embryonal Fyn-associated substrate Short name= hEFS Alternative name(s): Cas scaffolding protein family member 3
Expression Region	1-561
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein contains a SH3 domain, which is known to be important in intracellular signal transduction. The protein encoded by a similiar gene in mice was shown to be able to bind to SH3 domain of protein-tyrosine kinases. The function of this gene is unknown. Two alternatively spliced variants have been described.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.